

Motions must be presented in the form of additional articles (or amendments) to the Rules of 1905–1910, drawn up in the form adopted in the *International Code*, and must be drafted as briefly as possible in Latin, English, French, German, or Italian. At least 100 printed copies must be presented.

According to the decisions of the Brussels Congress 1910, only motions relating to new points which were not settled in 1905 and 1910 can be presented. Motions which do not answer to these conditions shall only be discussed if the Cambridge Congress 1930 decides to take them into consideration.

For further information about the programme of work for nomenclature, apply to the Rapporteur général, Dr. John Briquet, Conservatoire botanique, Geneva (Switzerland).

## PROPOSED AMENDMENTS TO THE INTERNATIONAL RULES OF BOTANICAL NOMENCLATURE

presented by

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### I. To add to the list of *Nomina Generica Conservanda* the following:

No.	Fam.	Nomina conservanda	Nomina rejicienda
5 (Christens.)	Polypodiace.	<i>Cystopteris</i> Bernh. Schrad. Journ. i. pt. 2: 5 and 26 (1806). Standard-species: <i>C. fragilis</i> (L.) Bernh.	<i>Filix</i> Adans. Fam. Pl. ii. 20 and 558 (1763); Ludw. Inst. Hist. Phys. Regni Veg. ed. 2: 142 (1757) in part only.
1181	Amaryllidace.	<i>Zephyranthes</i> Herb. App. Bot. Reg. 36 (1821) Standard-species: <i>Z. Atamasco</i> (L.) Herb.	<i>Atamosco</i> Adans. Fam. Pl. ii. 57, 524 (1763).
1559	Orchidace.	<i>Calypso</i> Salisb. Parad. Lond. t. 89 (1807); not Thouars, Hist. Veg. Isles Austr. Afr. i. 33, t. 6 (1805). Standard-species: <i>C. bulbosa</i> (L.) Oakes.	<i>Cytherea</i> Salisb. Trans. Hort. Soc. i. 301 (1812).
1923	Morace.	<i>Broussonetia</i> L'Hér. ex Vent. Tabl. iii. 547 (1799); not Ortega, Nov. Pl. Descr. Decad. 61, t. 7 (1798). Stand-	<i>Papyrius</i> Lam. Illustr. t. 762 (1798).



92		Rhodora		[MAY
No.	Fam.	Nomina conservanda	Nomina rejicienda	
		ard-species: <i>B. papyri-fera</i> (L.) Vent.		
2884	Cruciferae	<i>Coronopus</i> Gaertn. Fruct. ii. 293 (1791); not Mill. Gard. Dict. Abr. ed. 4 (1754). Standard-species: <i>C. Ruellii</i> Gaertn.	<i>Carara</i> Medic. Pflanzengatt. i. 34 (1792)	
3557	Leguminosae	<i>Hoffmanseggia</i> Cav. Ic. iv. 63, t. 392, 391, fig. 1 (1797). Standard-species: <i>H. falcaria</i> Cav.	<i>Larrea</i> Ort. Dec. 15, t. 2 (1797).	
3709	Leguminosae	<i>Dalea</i> Juss. Gen. 355 (1789); not Mill. Gard. Dict. Abr. ed. 4 (1754), nor P. Br. Hist. Jam. 239, 314 (1756), nor Gaertn. Fruct. i. 235, t. 51 (1788). Standard-species: <i>D. alopecuroides</i> Willd. ( <i>Psoralea Dalea</i> L.).	<i>Parosela</i> Cav. Descr. Pl. 185 (1802).	
6200	Ericac.	<i>Lyonia</i> Nutt. Gen. i. 266 (1818); not Raf. Med. Repos. v. 353 (1808); nor Ell. Sk. Bot. S. Car. and Ga. i. 316 (1817). Standard-species: <i>L. ferruginea</i> Nutt.	<i>Xolisma</i> Raf. Am. Mo. Mag. iv. 193 (1819).	

II. To add to the list of *Nomina Generica Conservanda* the following, in case the amendment to Art. 50 proposed by Dr. A. S. Hitchcock ("Eliminate the words: or because of the existence of an earlier homonym which is universally regarded as non-valid") is adopted:

No.	Fam	Nomina conservanda	Nomina rejicienda
381	Gramineae	<i>Scolochloa</i> Link, Hort. Berol. i. 136 (1827), not Mert. & Koch, Deutschl. Fl. i. 374, 528 (1823). Standard-species: <i>S. festucea</i> (Willd.) Link.	<i>Fluminea</i> Fries, Sum. Veg. Scand. i. 247 (1846).



No.	Fam.	Nomina conservanda	Nomina rejicienda
3209	Saxifragac.	<i>Jamesia</i> T. & G. Fl. N. Am. i. 593 (1840); not Raf. Atl. Journ. (1832), 145. Standard-species: <i>J. americana</i> T. & G.	<i>Edwinia</i> Heller, Bull. Torr. Bot. Cl. xxiv. 477 (1897).
3448	Leguminosae	<i>Schrankia</i> Willd. Sp. Pl. iv. pt. 2: 1041 (1806); not Medic. Pfl. Gatt. 42 (1792). Standard-sp.: <i>S. quadrivalvis</i> (L.) Merr. ( <i>S. aculeata</i> Willd.).	<i>Morongia</i> Britton, Mem. Torr. Bot. Cl. v. 191 (1894).
3973	Zygophyllac.	<i>Larrea</i> Cav. An. Hist. Nat. ii. 119, t. 18, 19 (1800); not Ort. Dec. 15, t. 2 (1797). Standard-species: <i>Larrea nitida</i> Cav.	<i>Covillea</i> Vail, Bull. Torr. Bot. Cl. xxii. 229 (1895).

III. To add to the list of *Nomina Generica Conservanda* the following, in case *DALEA* Juss. (no. 3709) is not conserved:

No.	Fam.	Nomen conservandum	Nomen rejiciendum
7569	Scrophulariac.	<i>Microdon</i> Choisy, Mém. Soc. Phys. Gen. ii. pt. 2, 97 (1823). Standard-species: <i>M. ovatus</i> (L.) Choisy.	<i>Dalea</i> Gaertn, Fruct. i. 235, t. 51 (1788).

## DISCUSSION OF THE AMENDMENTS

### AMENDMENT I.

5 *Cystopteris* Bernh. Schrad. Journ. i. pt. 2: 5 and 26 (1806).

If *Filix* were universally conceded to be the "name of a class, order, family or genus" (Art. 51) it would be automatically excluded; but it can hardly be considered as technically belonging to this group of names any more than would such names as *Lichen*, *Muscus*, *Gramen* and other equivalents for loosely circumscribed groups. *Filix* Ludw. as diagnosed in his Def. Pl. 140 (1737) covers all forms of bipinnate species of *Polystichum*, *Athyrium*, *Thelypteris* (*Dryopteris*) and *Cystopteris*; it can hardly be typified because of entire lack of citations and it might be treated as a *nomen confusum*. *Filix* Adans. seems to rest chiefly on *Cystopteris*. Although he cited numerous synonyms of Dioscorides and others, the only clearly identifiable synonym was *Filix baccifera* Cornut (*Cystopteris bulbifera*), which was accompanied by a recognizable plate. Mackenzie, Am. Fern. Journ. xv. 40–45 (1925) makes out that *Filix* Ludw. equals *Pteris* L. Under this interpretation *Filix* Adans. would be freed for use under the International Rules as they stand. *Cystopteris* has



been almost universally used; *Filix* has been generally substituted by followers of the American Code since Underwood took it up in 1900. In order that there be no further misunderstanding, we move the conservation of *Cystopteris*.

1181 *Zephyranthes* Herb. App. Bot. Reg. 36 (1821).

*Zephyranthes* Herb. (1821) has been almost universally used for the ornamental genus of *Amaryllidaceae* much in cultivation. It is antedated by *Atamosco* Adans. (1763), a name first taken up after Adanson's publication by Greene, *Pittonia*, iii. 187 (May, 1897), although, in 1825, Rafinesque had independently published *Atamasco* Raf. Neog. 3 (1825), based on the same type as *Atamosco*. *Atamosco* has been taken up in America since 1897. If it is desired to retain the better known name, *Zephyranthes*, it will be necessary to conserve it. We move that *Zephyranthes* be conserved.

1559 *Calypso* Salisb. Par. Lond. pl. 89 (1807).

*Calypso* Salisb. has been very generally used for more than a century for a familiar orchid of boreal regions. In 1905, House, *Bull. Torr. Bot. Cl.* xxxii. 382 (1905) set it aside because of the earlier *Calypso* Thouars (1805) and took up *Cytherea* Salisb. (1812), a name subsequently adopted by Britton and some others in American. *Calypso* Thouars was reduced to *Salacia* L. (1771) by De Candolle in 1824, but it was maintained as a genus by G. Don, *Gen. Syst.* i. 629 (1831) and by Martius, *Flora*, xx. pt. 2, Beibl. 96 (1837). Subsequent authors seem consistently to have reduced *Calypso* Thouars to *Salacia*. At present *Calypso* Salisb. is invalid under any code and, if it is desired to retain it, it should be made a *nomen conservandum*. We move the conservation of *Calypso*.

1923 *Broussonetia* L'Hér. ex Vent. Tabl. iii. 547 (1799).

*Broussonetia* L'Hér. has been almost universally used for the moraceous genus well known economically and as cultivated trees, but it is antedated by one year by *Papyrius* Lam. (1798). *Papyrius* was used by Cav. *Descr.* (1802) but was apparently not taken up by subsequent authors until revived by Kuntze, *Rev. Gen.* 629 (1891). *Broussonetia* Ortega (1798) has apparently not been recognized by subsequent authors and by both Pfeiffer and Dalla Torre & Harms is cited as belonging to *Sophora* L. (1753). If *Broussonetia* L'Hér. is to be maintained it must be specially conserved. We move its conservation.

2884 *Coronopus* Gaertn. *Fruct.* ii. 239 (1791).

*Coronopus* Mill. (1754) was based on species of *Plantago* L. (1753), which are ordinarily retained under *Plantago*. While Miller's genus has only rarely been taken up, it has clear priority over *Coronopus* Gaertn. (1791). If the latter is to be maintained it will be necessary specially to conserve it. We move the conservation of *Coronopus* Gaertn.

3557 *Hoffmanseggia* Cav. *Ic.* iv. 63, pl. 392, 391, fig. 1 (1797).

Although *Hoffmanseggia* and *Larrea* Ort. (1797) were published in the



same year, Cavanilles admitted, in publishing *Hoffmanseggia*, that he was renaming *Larrea* Ort. *Hoffmanseggia* is, therefore, later and technically invalid. It has, however, been universally used for a well known and rather large leguminous genus and *Larrea* Ort. has not been taken up, although Briquet, Schröt. Festschr. 656 (1925) points out that it is the valid name for *Hoffmanseggia*. The name *Larrea* Cav. (1800) has for more than 125 years been generally applied to a genus of the *Zygophyllaceae* (see No. 3973). To overthrow *Hoffmanseggia* for *Larrea* Ort. would create needless confusion. *Hoffmanseggia* should, therefore, be conserved.

3709 *Dalea* Juss. Gen. 355 (1789).

*Dalea* Mill. (1754) is a direct renaming of *Browallia* L. (1753) and may be neglected as an absolute synonym under the International Rules as they stand. *Dalea* P. Br. (1756) was used for plants of two entirely different groups. On p. 239 he had a *Dalea* 1, perhaps myrtaceous, a tree of Jamaica, but without generic diagnosis or specific name; but on p. 314 he had another *Dalea* 1, again without generic diagnosis and in the caption of the plate called *Eupatorium Dalea*. Neither of the uses of *Dalea* by Browne is valid and his names have no nomenclatorial status. *Dalea* Gaertn. (1788) was absorbed by Choisy into his *Microdon*, Mém. Soc. Phys. Gen. ii. pt. 2: 97 (1823). *Microdon* has been taken up by Endlicher, Bentham & Hooker and Wettstein, although it is greatly antedated by *Dalea* Gaertn., which was perfectly valid for the genus. *Dalea* Juss. (1789), however, has been generally used for a genus of *Leguminosae*, a genus of  $150 \pm$  species, but in 1894 it was abandoned by Britton in favor of *Parosela* Cav. (1802). Because of the confusion which would arise if the name *Dalea* were now transferred to *Microdon*, the late S. B. Parish (Bot. Gaz. lv. 301 (1913)) has recommended that *Dalea* Juss. be conserved.

6200 *Lyonia* Nutt. Gen. i. 266 (1818).

*Xolisma* Raf. (1819) was a direct renaming of *Lyonia* Nutt., because of the earlier *Lyonia* Raf. (1808). *Lyonia* Raf. (1808) was a direct renaming of *Polygonella* Michx. (1803), a change made simply because Rafinesque considered Michaux's name inappropriate. It is, therefore, absolutely invalid. *Lyonia* Ell. (1817) is, according to Rehder, Journ. Arn. Arb. v. 49 (1924), the earliest and, therefore, the valid name for the asclepiadaceous genus *Seutera* Reichenb. Consp. 131 (1828), a genus not maintained by most monographers of the *Asclepiadaceae*. *Lyonia* Ell. (1817) has not been used by those who do recognize the genus *Seutera*. *Lyonia* Nutt. (1818), on the other hand, has been used by Sprengel, Endlicher, DeCandolle, Bentham & Hooker, Drude in Engler & Prantl and others. *Xolisma* Raf. (1819) was revived by Britton, Mem. Torr. Bot. Cl. iv. 135 (1894) and is used by followers of the American Code and recently by Rehder. The use of the technically correct name *Lyonia* Ell. for *Seutera* would create confusion not only in the *Asclepiadaceae*, but in the *Ericaceae*. We move the conservation of *Lyonia* Nutt.



## AMENDMENT II.

381 *Scolochloa* Link, Hort. Berol. i. 136 (1827).

*Scolochloa* Mert. & Koch (1823) was based on *Arundo Donax* L.; but, if Professor Hitchcock's amendment as to homonyms is adopted, *Scolochloa* Link, the name of a well known northern grass, will have to give way to *Fluminea* Fries, unless *Scolochloa* is specially conserved.

3209 *Jamesia* T. & G. Fl. N. Am. i. 593 (1840).

*Jamesia* Raf. (1832) was based on *Psoralea Jamesii* Torr., which is generally kept in the genus *Dalea* Juss. (1789) or *Parosela* Cav. (1802)—see No. 3709. Rafinesque's *Jamesia* has been taken up by no subsequent author; but *Jamesia* T. & G. (1840) is a generally used name for a genus of shrubs of North America with one species widely known in cultivation as *Jamesia*. If *Jamesia* T. & G. is to be maintained it will be necessary specially to conserve it, at least if Dr. Hitchcock's amendment as to homonyms is adopted. In that case we should move the conservation of *Jamesia* T. & G.

3448 *Schrankia* Willd. Sp. Pl. iv. pt. 2: 1041 (1806).

*Schrankia* Willd. (1806) is a familiar tropical genus, which had almost universally been known by that name when, in 1894, Britton substituted for it the name *Morongia*, because of *Schrankia* Medic. (1792). *Schrankia* Medic. (1792) was based on *Myagrum rugosum* L., a species referable to *Rapistrum* Medic. (1794). No one but Moench (1794) seems to have taken up *Schrankia* Medic. If, however, *Schrankia* Willd. is to be maintained for the genus of the *Mimosoideae* it will be necessary specially to conserve it, at least if Dr. Hitchcock's amendment as to homonyms is adopted. In that case we should move the conservation of *Schrankia* Willd.

3973 *Larrea* Cav. An. Hist. Nat. ii. 119, pl. 18, 19 (1800).

Even though *Larrea* Ort. (1797) may be eliminated by the conservation of *Hoffmanseggia* (see No. 3557), *Larrea* Cav. (1800) would be abandoned or would have to be conserved, if Dr. Hitchcock's amendment as to homonyms is adopted. (See Briquet. Schröt. Festschr. 659 (1925)). In that case we should move the conservation of *Larrea* Cav.

## AMENDMENT III.

7569 *Microdon* Choisy, Mém. Soc. Phys. Gen. ii. pt. 2: 97 (1823).

If *Dalea* Juss. (see No. 3709) is not conserved, *Dalea* Gaertn. (1788) must replace *Microdon* Choisy (1823) unless the latter is conserved.

## GRAY HERBARIUM

Harvard University.

## CHAMAECYPARIS THYOIDES IN NEW HAMPSHIRE.

H. K. SVENSON.

DURING the last week in September, 1928, the writer, while returning from the White Mountains, with a few hours at his disposal,